

ENGINEERING REVIEWER:

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DATE:

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Proposed Miracle Field at Phoebe Bakken Memorial Park
REVIEW COMMENTS

MSA has reviewed the site plans submitted February 26, 2020 for the proposed Miracle Field at Phoebe Bakken Memorial Park.

INCLUDED

1. Lighting Plans
2. Grading Plans
3. Utility Plans
4. Landscape Plans

MSA reviewed the drainage and site civil for the project following the submittal and has the following comments.

Site Plans

1. Storm sewer noted on Sheet L203 is noted as having rims however I do not see anything that details what these structures are intended to be. Please provide if these are manholes and what grates are being used.
2. The piping is noted to be perforated which is indicative of infiltrating soils. No detail of the soils are included and should be determined if the intent is to make these areas infiltrating.
3. Developer should provide calculations showing the areas draining to each drain to provide pipe capacity calculations and verify any show the storage areas used during large storm events.
4. Connections are shown to the existing storm sewer however it is not noted but should be planned to connect to existing storm sewer with structures for maintenance purposes. (Possibly connect to the existing structure on the east side of the field.)

PROJECT REVIEW

5. The watermain being placed for the splashpad should be extended through the Miracle League field at the time of construction on Sheet L204.
6. The landscaping shown on Sheet L206 shows landscaping above the perforated drains. These should be verified as roots will be prone to go to the perforated pipes and cause clogging issues.
7. The landscaping areas are shown as rock mulch and this should be verified with the grates and structures that are on the storm plans.
8. The lighting plans do not show the light beyond the field area and based on the orientation of the lighting I assume that is minimal but would be good to show if there is any trespass on the neighboring amenities and how much.